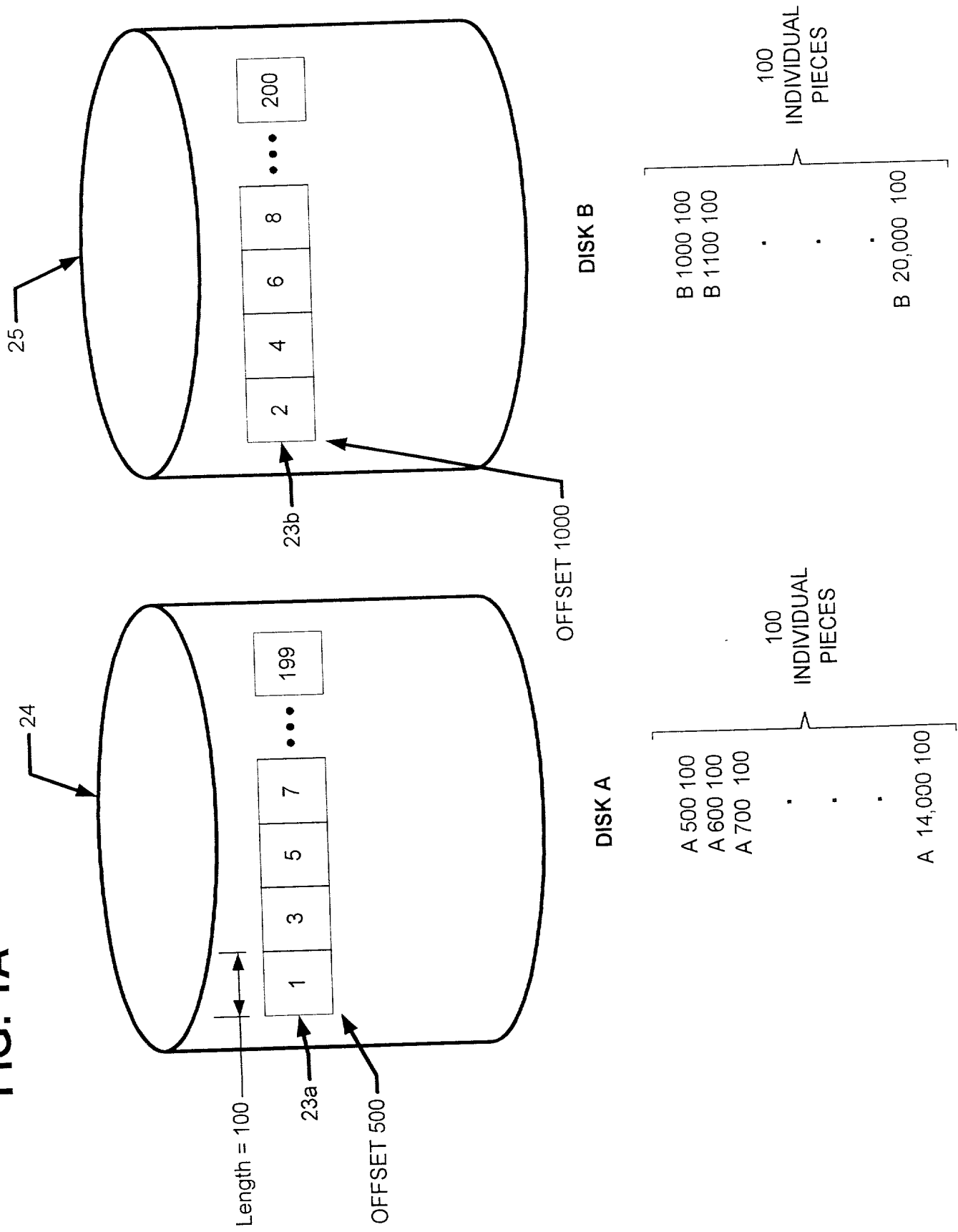


FIG. 1

FIG. 1A



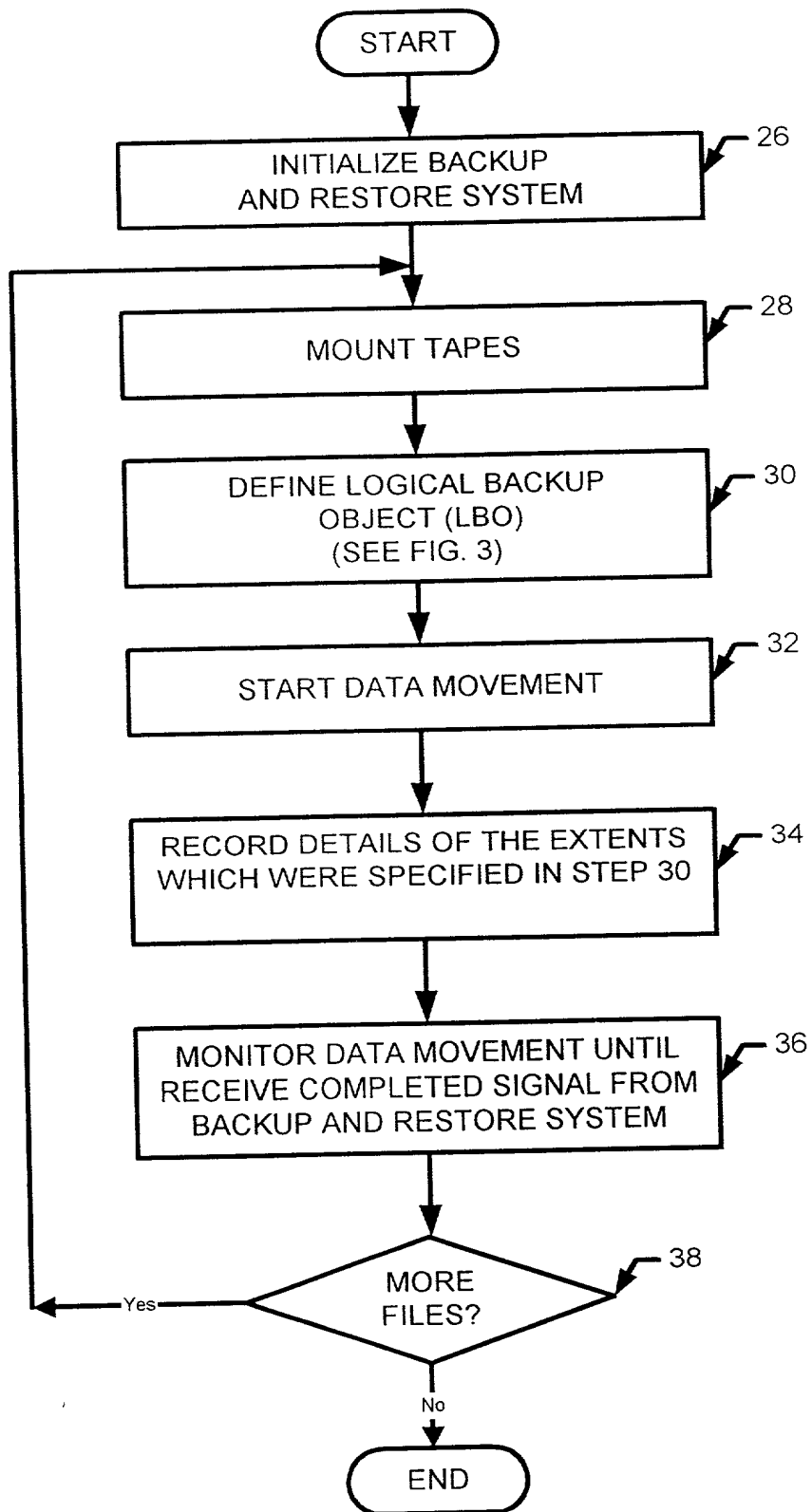


FIG. 2

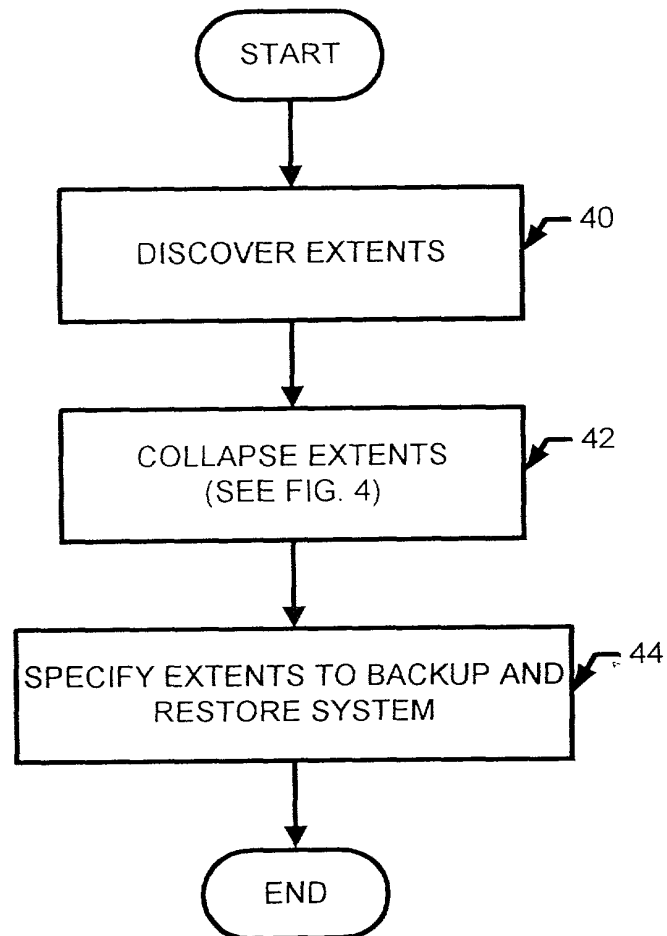


FIG. 3

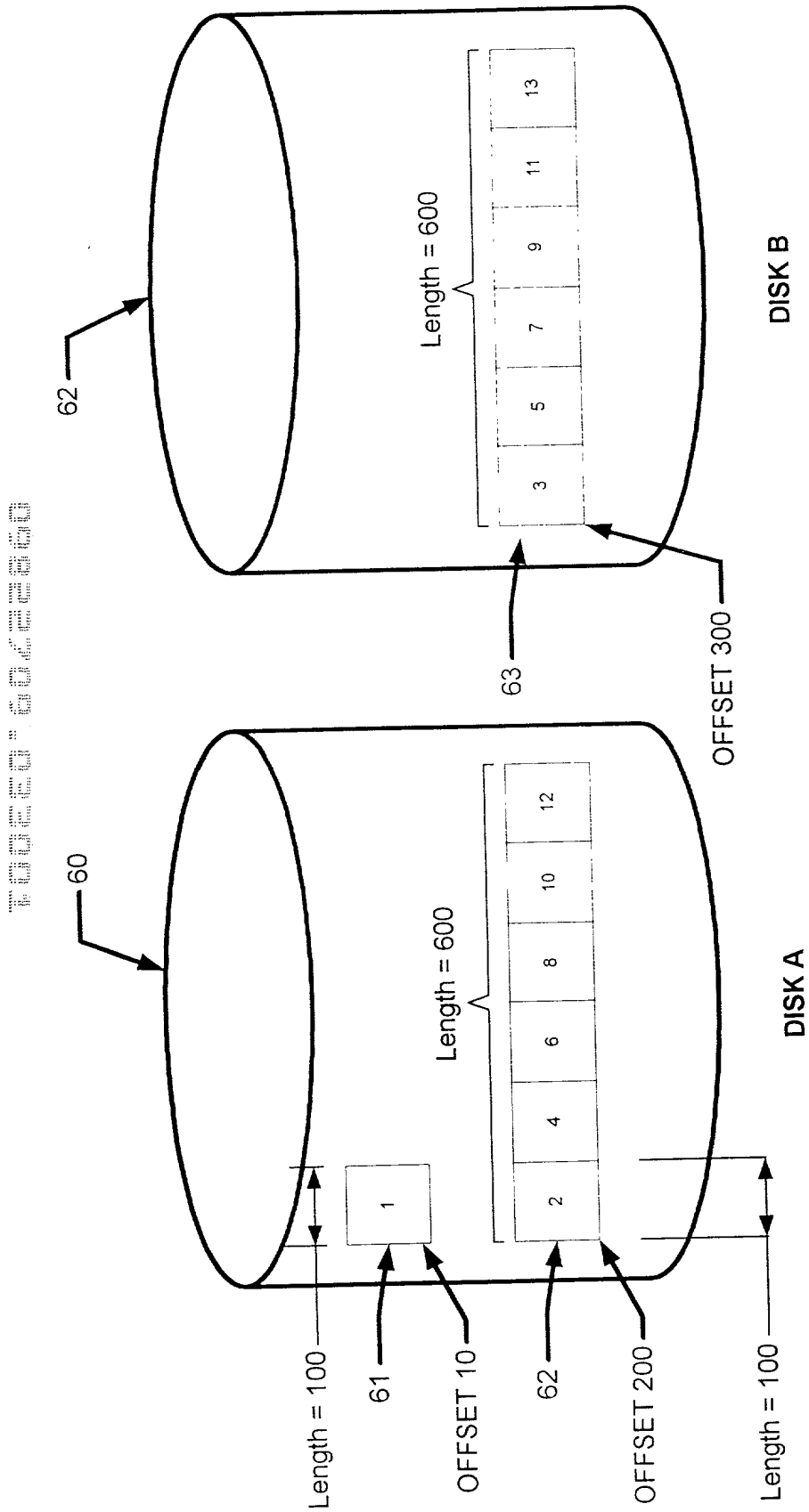


FIG. 4

METHOD AND APPARATUS FOR COMPUTING FILE STORAGE ELEMENTS
FOR BACKUP AND RESTORE

Ananthan K. Pillai, et al

CASE NO. EMC-005PUS

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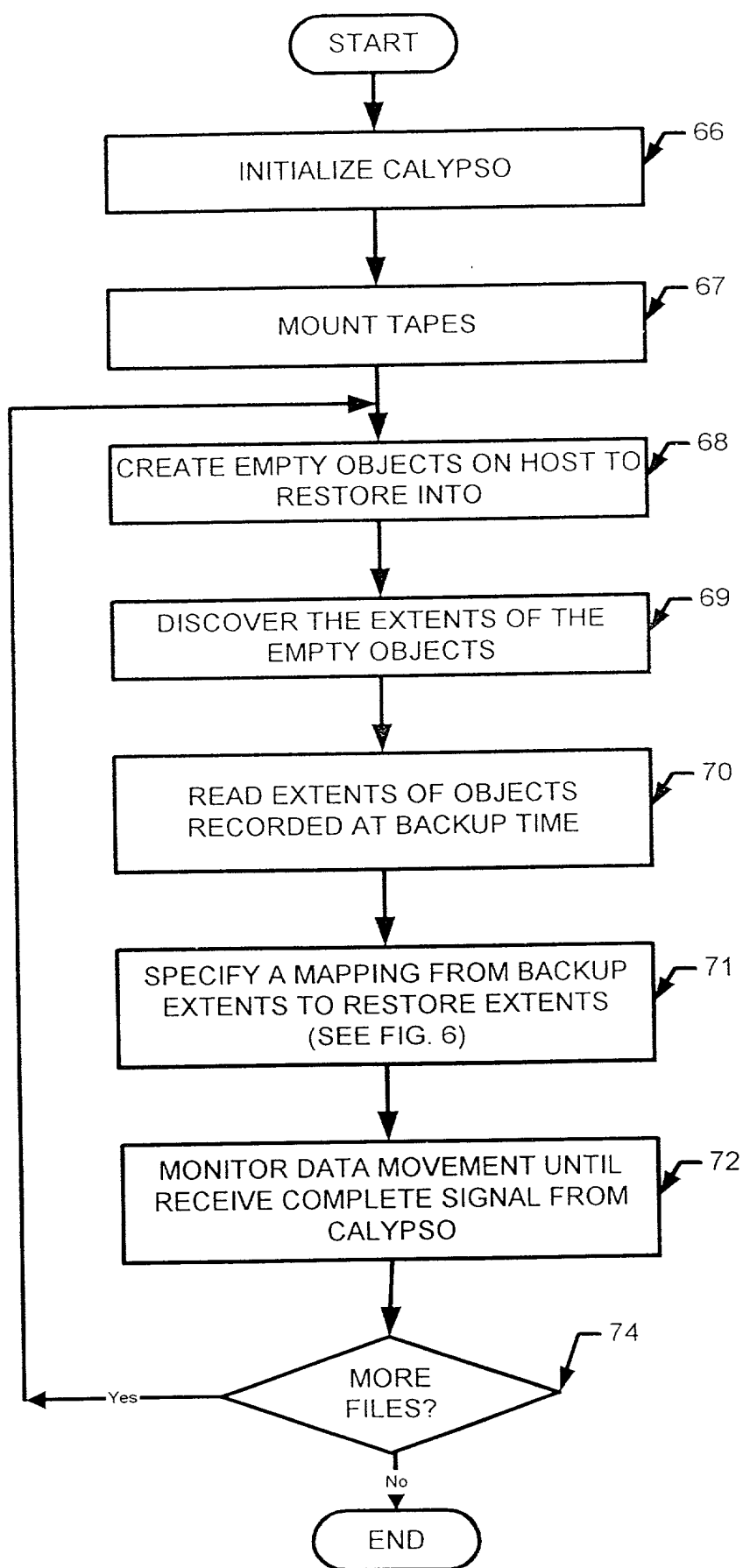


FIG. 5

METHOD AND APPARATUS FOR COMPUTING FILE STORAGE ELEMENTS
FOR BACKUP AND RESTORE

Ananthan K. Pillai, et al
CASE NO. EMC-005PUS

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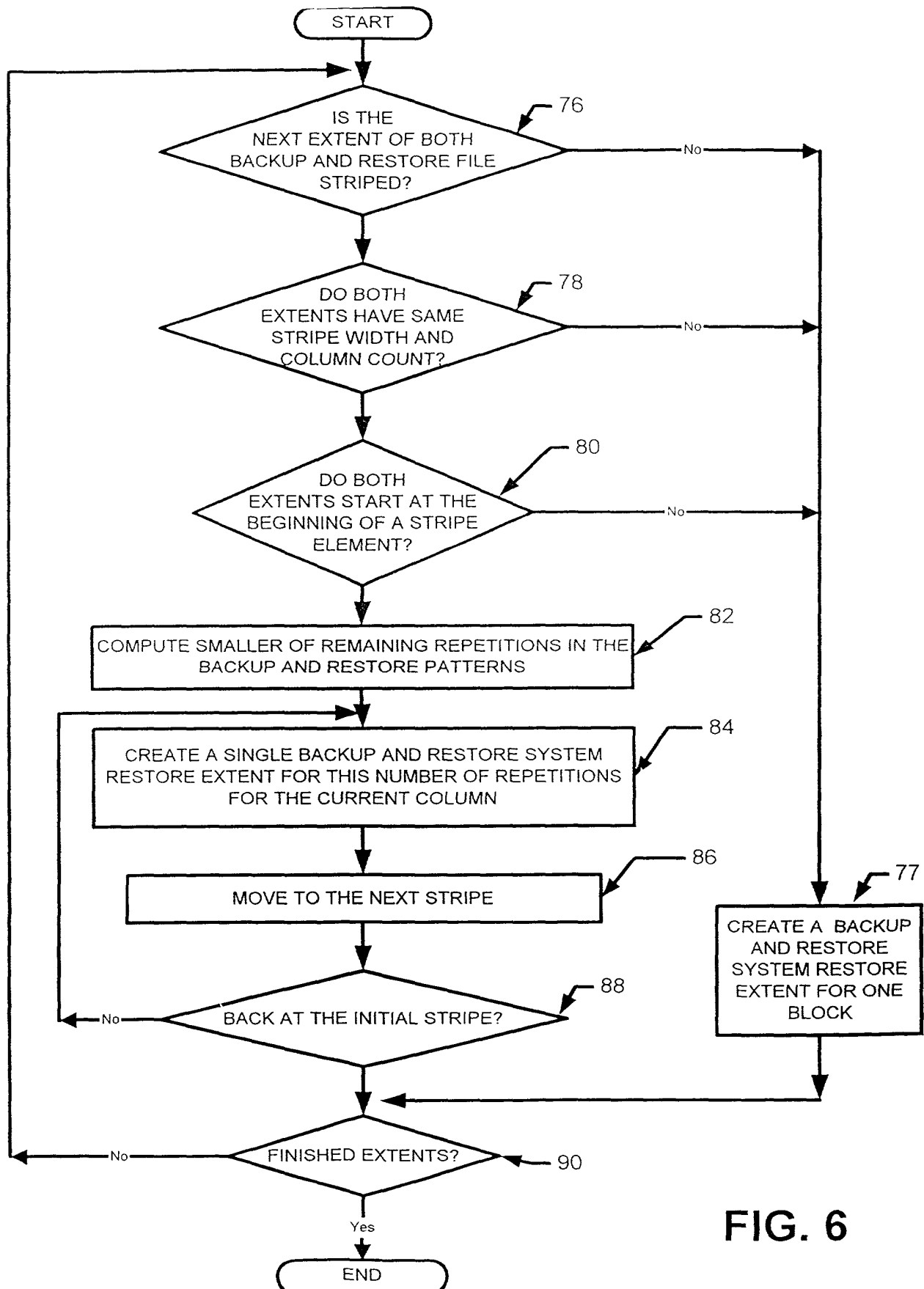


FIG. 6

FIG. 7

